

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX012523\
 Data File : VX033899.D
 Acq On : 25 Jan 2023 19:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 26 05:13:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	87	0.00
2 M	Dichlorodifluoromethane	20.000	19.151	4.2	79	0.00
3 M	Chloromethane	20.000	19.350	3.2	82	0.00
4 M	Vinyl Chloride	20.000	19.628	1.9	82	0.00
5 M	Bromomethane	20.000	15.655	21.7	68	0.00
6 M	Chloroethane	20.000	21.874	-9.4	87	0.00
7 M	Trichlorofluoromethane	20.000	19.304	3.5	80	0.00
8 T	Diethyl Ether	20.000	20.441	-2.2	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.602	7.0	77	0.00
10 M	1,1-Dichloroethene	20.000	19.037	4.8	80	0.00
11	Methyl Iodide	20.000	18.067	9.7	78	0.00
12	Methyl Acetate	20.000	18.999	5.0	80	0.00
13 M	Acrolein	100.000	116.096	-16.1	112	0.00
14 M	Acrylonitrile	100.000	98.597	1.4	81	0.00
15 M	Acetone	100.000	85.766	14.2	71	-0.02
16 M	Carbon Disulfide	20.000	17.894	10.5	78	0.00
17	Allyl chloride	20.000	18.122	9.4	76	0.00
18 M	Methylene Chloride	20.000	19.738	1.3	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.271	3.6	80	0.00
20 T	Diisopropyl ether	20.000	18.810	6.0	79	0.00
21 M	1,1-Dichloroethane	20.000	18.952	5.2	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.486	2.6	82	0.00
23 M	tert-Butyl Alcohol	100.000	91.241	8.8	74	-0.07
24 M	Methyl tert-Butyl Ether	20.000	18.320	8.4	78	0.00
25 M	Chloroform	20.000	19.781	1.1	83	0.00
26	Cyclohexane	20.000	18.031	9.8	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.703	4.3	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	19.113	4.4	79	0.00
30 M	2-Butanone	100.000	95.354	4.6	77	-0.02
31	2,2-Dichloropropane	20.000	16.611	16.9	71	0.00
32 M	1,1,1-Trichloroethane	20.000	18.787	6.1	78	0.00
33 M	Carbon Tetrachloride	20.000	19.124	4.4	79	0.00
34 M	Benzene	20.000	19.914	0.4	80	0.00
35	Methacrylonitrile	20.000	18.973	5.1	77	0.00
36 M	1,2-Dichloroethane	20.000	19.493	2.5	81	0.00
37 M	Trichloroethene	20.000	20.310	-1.5	82	0.00
38	Methylcyclohexane	20.000	18.783	6.1	78	0.00
39 M	1,2-Dichloropropane	20.000	20.227	-1.1	85	0.00
40	Dibromomethane	20.000	20.585	-2.9	86	0.00
41 M	Bromodichloromethane	20.000	20.074	-0.4	84	0.00
42 M	Vinyl Acetate	100.000	93.663	6.3	77	0.00
43	Ethyl Acetate	20.000	18.306	8.5	77	0.00
44	Isopropyl Acetate	20.000	18.412	7.9	76	0.00
45 T	1,4-Dioxane	400.000	414.057	-3.5	82	-0.04
46	Methyl methacrylate	20.000	19.250	3.8	79	0.00
47	n-amyl Acetate	20.000	18.111	9.4	79	0.00
48 M	t-1,3-Dichloropropene	20.000	18.048	9.8	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.231	8.8	78	0.00
50 M	1,1,2-Trichloroethane	20.000	20.452	-2.3	90	0.00
51	Ethyl methacrylate	20.000	18.983	5.1	84	0.00
52	1,3-Dichloropropane	20.000	19.851	0.7	87	0.00
53 M	Dibromochloromethane	20.000	19.446	2.8	88	0.00
54 M	1,2-Dibromoethane	20.000	19.687	1.6	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.441	8.6	78	0.00
56 M	Bromoform	20.000	20.136	-0.7	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.207	-0.2	81	0.00
59 M	2-Hexanone	100.000	97.514	2.5	79	0.00
60 S	4-Bromofluorobenzene	30.000	29.701	1.0	84	0.00
61 M	Tetrachloroethene	20.000	21.303	-6.5	96	0.00
62 M	Toluene	20.000	20.444	-2.2	83	0.00
63 S	Toluene-d8	30.000	30.373	-1.2	86	0.00
64 M	Chlorobenzene	20.000	19.714	1.4	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.996	0.0	83	0.00
66 M	Ethyl Benzene	20.000	19.606	2.0	81	0.00
67 M	m/p-Xylenes	40.000	40.009	-0.0	83	0.00
68 M	o-Xylene	20.000	19.900	0.5	83	0.00
69 M	Styrene	20.000	19.935	0.3	82	0.00
70	Isopropylbenzene	20.000	19.942	0.3	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.953	-4.8	87	0.00
72	1,2,3-Trichloropropane	20.000	19.936	0.3	82	0.00
73	Bromobenzene	20.000	19.884	0.6	82	0.00
74	n-propylbenzene	20.000	19.510	2.4	80	0.00
75	2-Chlorotoluene	20.000	19.984	0.1	82	0.00
76	1,3,5-Trimethylbenzene	20.000	19.999	0.0	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.621	11.9	78	0.00
78	4-Chlorotoluene	20.000	19.733	1.3	82	0.00
79	tert-butylbenzene	20.000	19.952	0.2	82	0.00
80	1,2,4-Trimethylbenzene	20.000	19.809	1.0	81	0.00
81	sec-Butylbenzene	20.000	19.821	0.9	82	0.00
82	p-Isopropyltoluene	20.000	19.610	2.0	80	0.00
83 M	1,3-Dichlorobenzene	20.000	19.933	0.3	83	0.00
84 M	1,4-Dichlorobenzene	20.000	19.808	1.0	83	0.00
85	n-Butylbenzene	20.000	18.597	7.0	78	0.00
86 T	Hexachloroethane	20.000	18.906	5.5	82	0.00
87 M	1,2-Dichlorobenzene	20.000	20.384	-1.9	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.869	5.7	80	0.00
89	1,2,4-Trichlorobenzene	20.000	19.512	2.4	82	0.00
90	Hexachlorobutadiene	20.000	18.988	5.1	81	0.00
91 M	Naphthalene	20.000	19.628	1.9	81	0.00
92	1,2,3-Trichlorobenzene	20.000	20.077	-0.4	83	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0